

5 **ABSTRACT**

ELECTROSURGICAL WORKING END FOR CONTROLLED ENERGY DELIVERY

10 An electrosurgical working end for automatic modulation of active Rf density in a targeted tissue volume. The
working end of the probe of the present invention defines a tissue-engagement surface of an elastomeric material with
conductive elements that extend therethrough. In one embodiment, the expansion of the elastomeric material can de-
couple the conductive elements from an interior electrode based temperature to modulate current flow. In another
embodiment, the elastomeric material can couple and de-couple the conductive elements from an interior electrode based
15 engagement pressure to modulate current flow.